

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S6	746609	ph	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 14:26
S5	93	435/287.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 14:26
S7	160385	carbon adj2 dioxide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 14:27
S10	19	("2762711"   "3067015"   "3198163"   "3904373"   "4003709"   "4019865"   "4328181"   "4557900"   "4746616"   "4857472"   "4910406"   "4945060"   "5053339"   "5066475"   "5081012"   "5095283"   "5096813"   "5108932"   "5114676").PN.	USPAT	OR	ON	2004/02/03 14:32
S11	6	("2951461"   "3000706"   "3067015"   "3420635"   "3542567"   "3743520").PN.	USPAT	OR	ON	2004/02/03 14:46
S12	38	"3067015".URPN.	USPAT	OR	ON	2004/02/03 14:49
S14	1	"5795773".PN.	USPAT	OR	ON	2004/02/03 15:02
S13	0	"6589761".URPN.	USPAT	OR	ON	2004/02/03 15:02
S9	81	435/287.5.ccls. and (ph or (carbon adj2 dioxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 15:17
S17	43	((ph or (carbon adj2 dioxide)) near3 sensor) same hydrat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 15:18
S16	171891	hydrat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 15:18

## EAST Search History

S15	5954	(ph or (carbon adj2 dioxide)) near3 sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 15:18
S8	866842	ph or (carbon adj2 dioxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:12
S20	10816	(ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:14
S24	0	rehydrate same frangible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:36
S22	1725	rehydrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:36
S21	185	((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) and 436/163.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:36
S27	52259	lyophiliz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:37
S26	7	rehydrate same ((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:37
S25	0	((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) same (rehydrate same frangible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:37
S28	27	((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) same lyophiliz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:38

## EAST Search History

S29	93	435/287.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:41
S32	559	436/163.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:47
S34	119	((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) and 422/61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:48
S33	1646	422/61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 09:48
S38	80	(reconstitut\$ or rehydrat\$) and (indicator or sensor) and (ph or (carbon adj2 dioxide) )	USOCR	OR	ON	2004/02/04 10:10
S35	5747	reconstitut\$ or rehydrat\$	USOCR	OR	ON	2004/02/04 10:10
S30	62757	reconstitut\$ or rehydrat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:10
S19	1592451	indicator or sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:10
S18	866842	ph or (carbon adj2 dioxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:10
S40	665	(ph or (carbon adj2 dioxide)).ti,ab.	USOCR	OR	ON	2004/02/04 10:12
S39	10011	(indicator or sensor).ti,ab.	USOCR	OR	ON	2004/02/04 10:12
S37	150900	ph or (carbon adj2 dioxide)	USOCR	OR	ON	2004/02/04 10:12
S36	102929	indicator or sensor	USOCR	OR	ON	2004/02/04 10:12
S41	19	((indicator or sensor).ti,ab.) and ((ph or (carbon adj2 dioxide)).ti,ab. )	USOCR	OR	ON	2004/02/04 10:15
S44	9144	frangible	USOCR	OR	ON	2004/02/04 10:18

## EAST Search History

S43	723	(gas adj2 (sensor or detector))	USOCR	OR	ON	2004/02/04 10:18
S42	85	(gas adj2 (sensor or detector)).ti, ab.	USOCR	OR	ON	2004/02/04 10:18
S23	20462	frangible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:18
S46	2	"1644014".URPN.	USPAT	OR	ON	2004/02/04 10:19
S48	12	"4023934".URPN.	USPAT	OR	ON	2004/02/04 10:20
S47	4	("1644014"   "2487077"   "3022141"   "3446596").PN.	USPAT	OR	ON	2004/02/04 10:20
S50	93	(time near3 temperature) near3 (indicator or sensor)	USOCR	OR	ON	2004/02/04 10:21
S49	74233	time near3 temperature	USOCR	OR	ON	2004/02/04 10:21
S45	9	((gas adj2 (sensor or detector))) and frangible	USOCR	OR	ON	2004/02/04 10:21
S52	310822	time near3 temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:23
S51	10	((time near3 temperature) near3 (indicator or sensor)) and (ph or (carbon adj2 dioxide) )	USOCR	OR	ON	2004/02/04 10:23
S53	4797	(time near3 temperature) near3 (indicator or sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:24
S55	3	("2671028"   "3822189"   "3846242").PN.	USPAT	OR	ON	2004/02/04 10:27
S56	193	436/20.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:36
S54	45	((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) same ((time near3 temperature) near3 (indicator or sensor))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:36
S57	78	(ph or (carbon adj2 dioxide) ) and 436/20.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:37

## EAST Search History

S58	705372	dried	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:54
S31	31	((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) same (reconstitut\$ or rehydrat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:54
S61	13710	(lyophiliz\$ or dried) near5 stored	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:55
S60	1716060	stored	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:55
S59	722356	lyophiliz\$ or dried	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:55
S62	2	((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) same ((lyophiliz\$ or dried) near5 stored)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:56
S63	120	((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) and ((lyophiliz\$ or dried) near5 stored)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:58
S65	9	436/163.ccls. and (reconstitut\$ or rehydrat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:59
S64	59	((((ph or (carbon adj2 dioxide) ) near3 (indicator or sensor)) and ((lyophiliz\$ or dried) near5 stored)) and (reconstitut\$ or rehydrat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 10:59

## EAST Search History

S66	15	("Re31879"   "3713985"   "3957583"   "4168204"   "4200110"   "4540410"   "4548907"   "4682895"   "4727730"   "4737343"   "4803049"   "4824789"   "4965087"   "4999306"   "5006314").PN.	USPAT	OR	ON	2004/02/04 11:01
S67	4	"5063178".URPN.	USPAT	OR	ON	2004/02/04 11:11
S68	824366	ph	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:40
S71	5474	ph near3 (sensor or detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:41
S70	377551	silicone or agar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:41
S69	2102748	sensor or detector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:41
S73	20304	increased near3 (surface adj2 area)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:49
S72	88	(ph near3 (sensor or detector)) same (silicone or agar)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:49
S74	1	(ph near3 (sensor or detector)) same (increased near3 (surface adj2 area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:50
S75	56606	gas near3 (sensor or detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:51

## EAST Search History

S77	582292	matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:52
S76	22	(increased near3 (surface adj2 area)) same (gas near3 (sensor or detector))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 08:52
S78	176	(ph near3 (sensor or detector)) same matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 09:12
S80	6	("4003709"   "4285697"   "4349509"   "4772560"   "4994117"   "5320807").PN.	USPAT	OR	ON	2004/07/27 09:16
S81	13	("3346464"   "3702755"   "4071319"   "4269804"   "4434235"   "4533519"   "4876068"   "4877580"   "5000919"   "5013668"   "5094962"   "5096813"   "5128102").PN.	USPAT	OR	ON	2004/07/27 09:18
S83	21	"5096813".URPN.	USPAT	OR	ON	2004/07/27 09:19
S82	4	("4120658"   "4169811"   "4447542"   "4526752").PN.	USPAT	OR	ON	2004/07/27 09:19
S84	5	"5320807".URPN.	USPAT	OR	ON	2004/07/27 09:23
S85	8	("2485566"   "3067015"   "3585381"   "3927977"   "4003709"   "4040749"   "4048358"   "4161557").PN.	USPAT	OR	ON	2004/07/27 09:24
S86	21	"4285697".URPN.	USPAT	OR	ON	2004/07/27 09:25
S79	340	422/86.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 09:59
S87	587	426/232,87.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 10:00
S3	13	S1 same S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/04 11:37

## EAST Search History

S2	1058	food adj2 spoilage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/04 11:37
S1	553288	ammonia	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/04 11:37
S95	16	S93 same S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:01
S94	83802	edible	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:01
S93	13695	ph near3 (sensor or indicator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:01
S96	10	("3382607").URPN.	USPAT	OR	ON	2007/03/13 16:02
S98	2	S93 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:27
S97	11	anthrocyanine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:27
S10 1	252	S93 same S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:28



## EAST Search History

S10 0	1058447	plant or vegetable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:28
S4	165	435/287.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:15
L2	416186	silicone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:17
L5	29	4 and ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:22
L4	642	426/87.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:22
L3	176	1 same 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:22
L6	28	("1055595"   "1095313"   "1910952"   "2063245"   "2967092"   "3067015"   "3451741"   "3463532"   "3505020"   "3672842"   "3681027"   "3800780"   "3899295"   "3963442"   "4098577"   "4169811"   "4349509").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 06:26
L7	39	("4526752").URPN.	USPAT	OR	ON	2007/03/19 06:27
L1	14732	ph near3 (indicator or sensor or detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:32

## EAST Search History

L10	43959	"436"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:33
L9	1882	1 same 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:33
L8	6269077	reference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:33
L12	33202	8 near3 color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:35
L11	226	9 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:35
L15	1418297	ph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:37
L14	73	morris-roger\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:37
L13	39	1 same 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:37

## EAST Search History

L16	16	14 and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:38
L19	30	hill-jerry\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:39
L18	12	acosta-galo\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:39
L17	6	mcmorris-john\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:39
L23	3	15 and 22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:40
L22	44	bishop-alan\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:40
L21	7	newman-kyle\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:40
L20	9	tank-alan\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:40